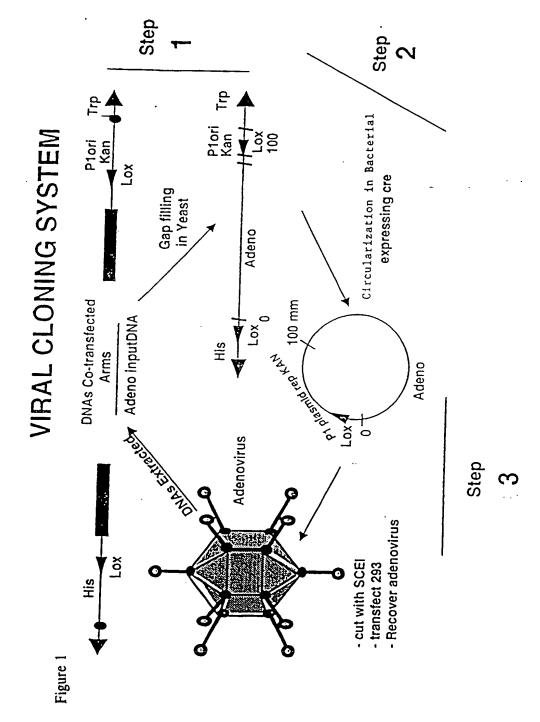
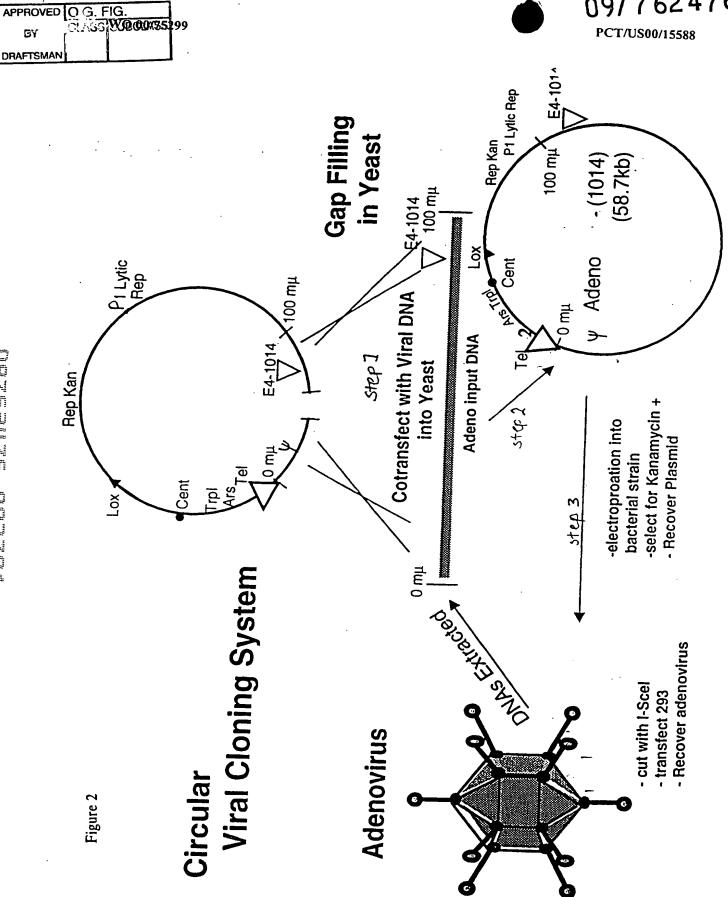
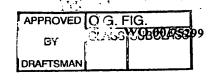
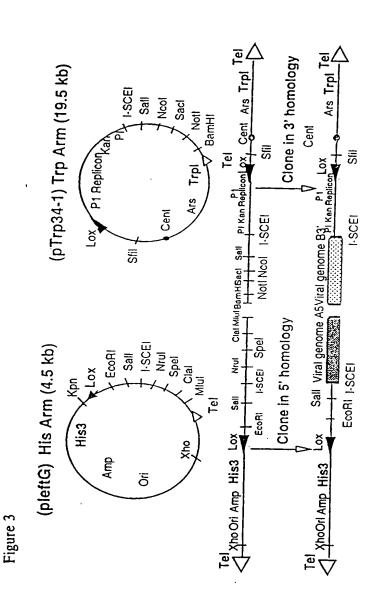
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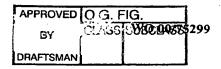
BY SUBCLASS
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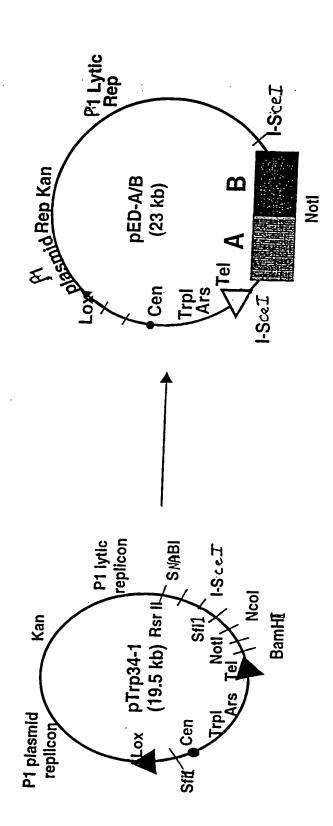


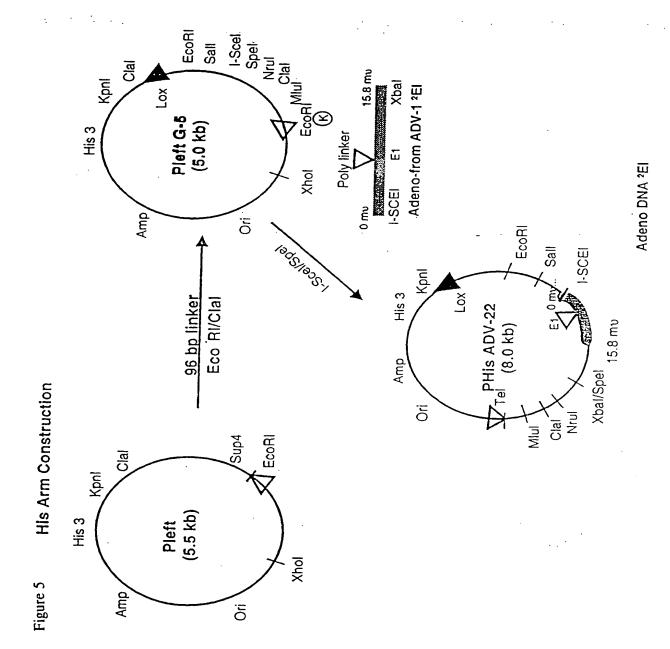


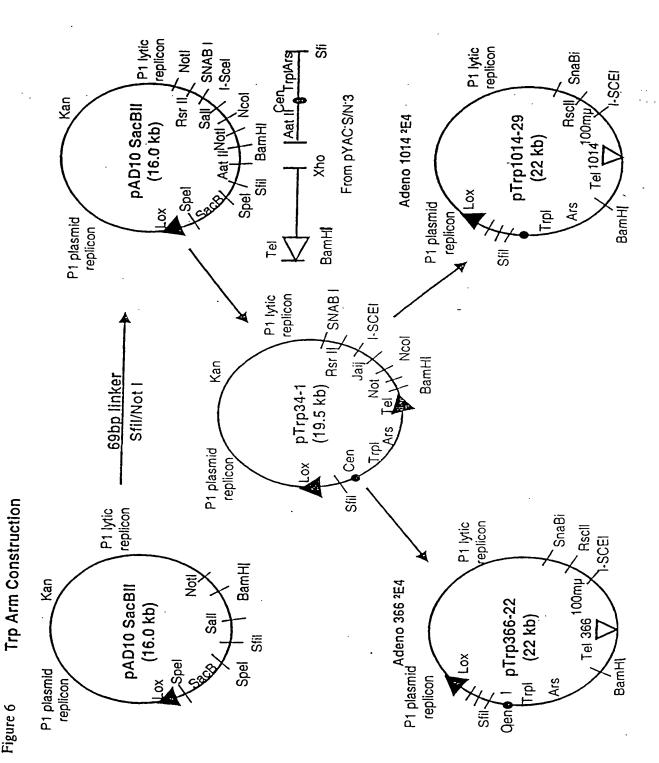




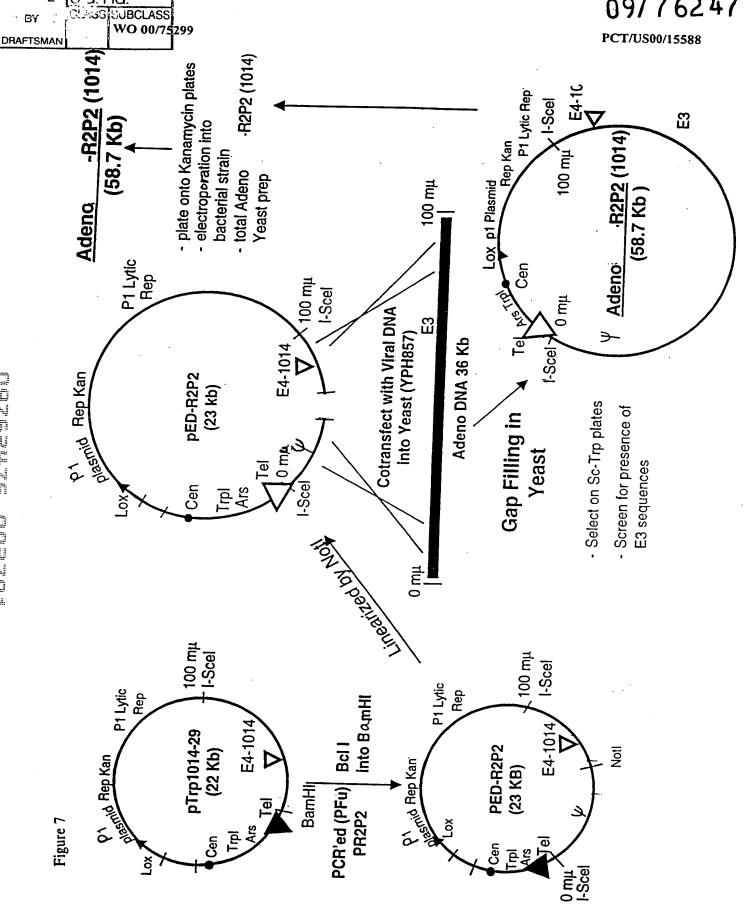




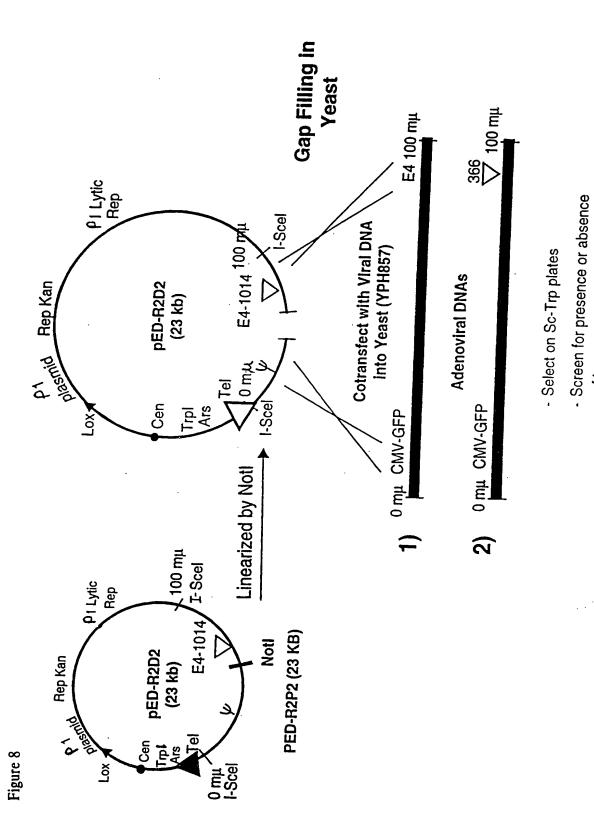




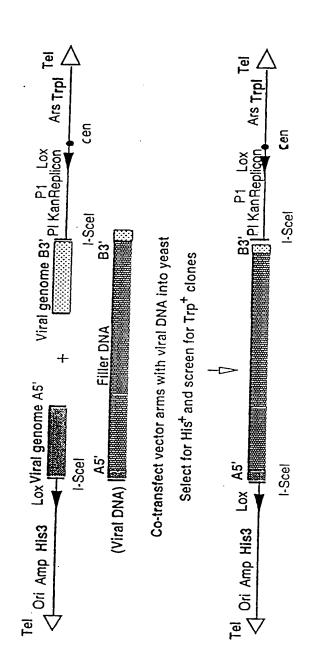
BY



orf4 sequences and GFP



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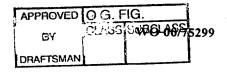
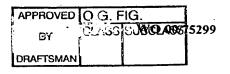


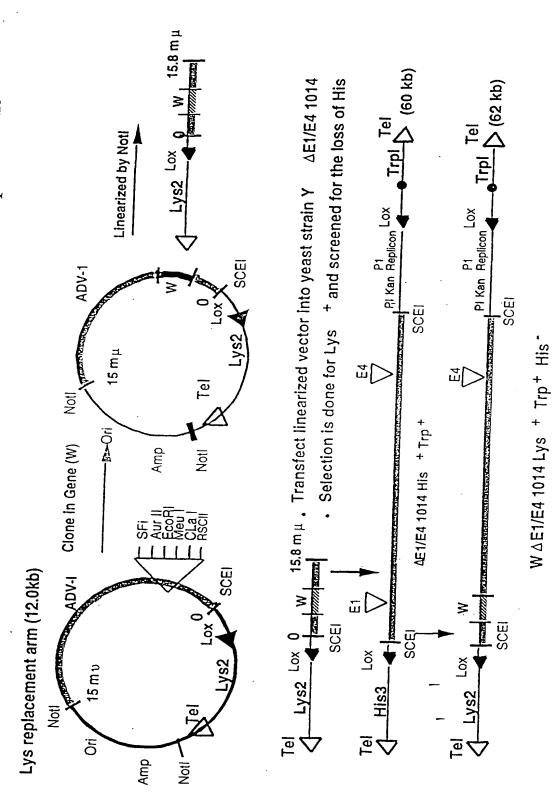
Figure 10 Lys replacement arm

I-SCEI p2Puc Kpni 15 kb E1∆ Adeno DNA AE1 Sfii Nollari from pHis-ADV-22 Add in Adeno Not! link to BamHI Remove His Sphi RsrII PYAC-Lys Kpn/ Sfil Noti BamHI pYAC-S/N 12.0 kb BamHI · Sallput Lys in cent PIMI (X) . Asrll 45 bp Linker EcoRi/Sali Š EcoRI Sall Ura3. cent pYAC-4 12.0 kb Nsi/PFmLi Remove Ura BamHI 38 mer Linker cent

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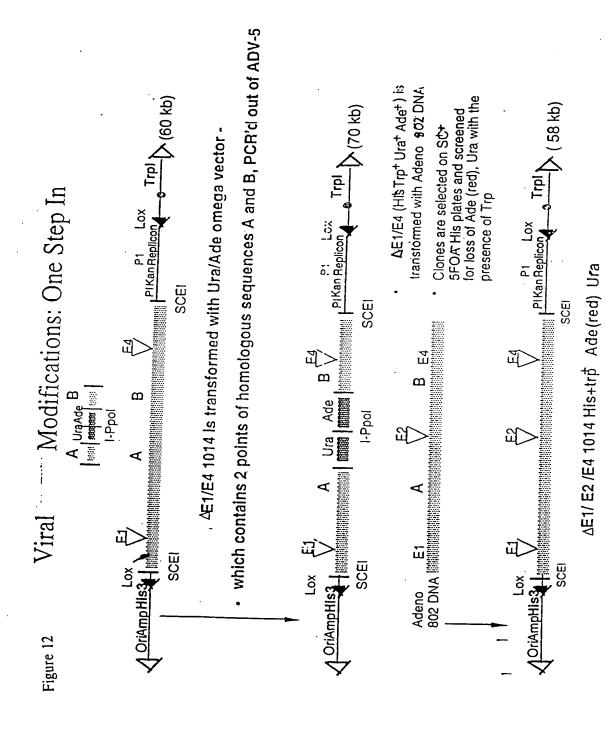


Modifications: Gene Arm Replacement Viral



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* White clones are grown - DNA prepped- cut Smal

* probe with Ade/Ura and total adeno

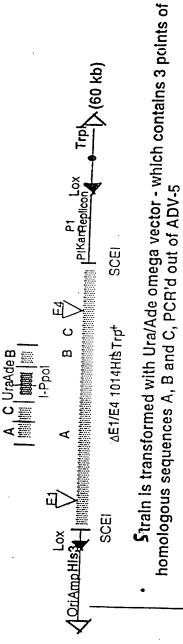
Trp+ Ade- Ura- (red clones) AD5-GFP (E4+,E3+) Ö - plate onto SC-Ura(-), Trp(-) E4 ITR (58kb) - Lithium acetate CMV-GFP **E**4 - pick white clones Trp+, Ura(+), Ade(+) Kan Ori Co-transfect Into YPH857 **Yeast strain YPH857** Trp ब् Ars Cen Trp(-) Ade(-) Ura(-) polyAA - cut input DNA (Sfil) Ura/Ade Ura/Ade ITB ≯ Cen Tel

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Modifications: Two Step In and Out

Viral

Figure 14



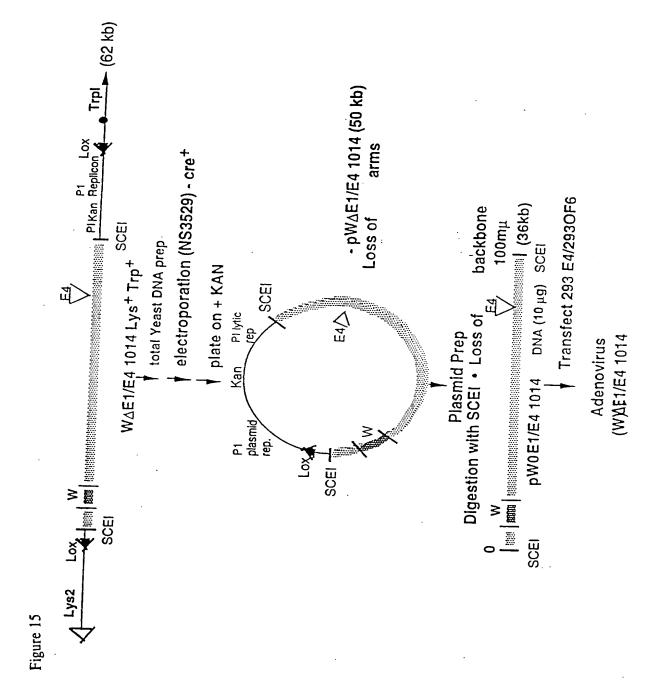
Clones are selected by being His+ Ura+ and screened for Ade (white) Trp+

-+ Trpl (75 kb) Coriamp His3 A Interpretation | March | March

 Clones which have been mapped (PF, Southern) and are intact are plated to SC5FOA His plates which will drive out the Ura gene

P1 Lox

Clones would be screened for the loss of Ade (red), Ura and would be His+Trp+ The loss of Adeno (B) could then be checked for (PF, Southern, PCR)



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